

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

**Complete If Known**

Application Number	09/846,116
Filing Date	04/30/2001
First Named Inventor	Jeffrey Bogatin
Art Unit	2467-2155
Examiner Name	Najjar, Saleh Basot
Attorney Docket Number	54330-308316

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			

B/B	1.	2495429	1/1950	10-08-1945	Spencer	
	2.	2575426	11/1951	12-22-1947	Pamell	
	3.	2593067	4/1952	02-13-1947	Spencer	
	4.	2605383	7/1952	10-08-1945	Spencer	
	5.	2658742	11/1953	01-09-1950	Suter, et al.	
	6.	2704802	3/1955	04-22-1952	Blass, et al.	
	7.	2795054	6/1957	10-07-1954	Bowen, et al.	
	8.	2827537	3/1958	11-12-1953	Haagensen	
	9.	2885294	5/1959	09-30-1954	Larson, et al.	
	10.	3074179	1/1963	09-28-1960	Stelling	
	11.	3104303	9/1963	04-15-1959	Crapuchettes	
	12.	3104305	9/1963	04-15-1959	Crapuchettes	
	13.	3235971	2/1966	11-24-1958	Tooby	
	14.	3266559	8/1966	02-15-1963	Osborne	
	15.	3364912	1/1968	09-22-1966	Dills, et al.	
	16.	3514576	5/1970	08-24-1968	Hilton, et al.	
	17.	3527915	9/1970	11-04-1968	Haagensen, et al.	
	18.	3532847	10/1970	06-01-1966	Püschner	
	19.	3556817	1/1971	03-01-1968	Jeppson	
	20.	3557334	1/1971	02-28-1969	Lewis, et al.	
	21.	3578463	5/1971	03-08-1967	Smith, et al.	
	22.	3619536	11/1971	05-14-1970	Boehm, et al.	
	23.	3673370	6/1972	04-03-1970	Johnson	
	24.	3676809	7/1972	05-28-1970	Paine, et al.	
	25.	3692968	9/1972	02-22-1971	Yasuoka	
	26.	3715551	2/1973	07-01-1971	Peterson	
B/B	27.	3785778	1/1974	03-23-1971	Burstein, et al.	

Examiner Signature	Bharat Basot	Date Considered	06/29/2003
-----------------------	--------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kind's Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 5

**Complete if Known**

Application Number	09/846,116
Filing Date	04/30/2001
First Named Inventor	Jeffrey Bogatin
Art Unit	2152-2155
Examiner Name	Najjar, Saleh B. 807
Attorney Docket Number	54330-308316

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. 1	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
B/B	28.	3789179 1/1974	04-03-1972	Haagensen	
	29.	3806689 4/1974	12-06-1972	Kegerels, et al.	
	30.	3810248 5/1974	10-12-1974	Risman, et al.	
	31.	3821454 6/1974	12-16-1971	Lobel	
	32.	3828760 8/1974	05-23-1973	Farber, et al.	
	33.	3851133 11/1974	02-20-1974	Dygve, et al.	
	34.	3872603 3/1975	12-05-1973	Williams, et al.	
	35.	3883671 5/1975	05-07-1973	Shatila	
	36.	3884213 5/1975	03-30-1973	Smith	
	37.	3889009 6/1975	09-11-1974	Lipoma	
	38.	4004122 1/1977	09-18-1974	Hallier	
	39.	4019009 4/1977	02-06-1976	Kusunoki, et al.	
	40.	4113439	09-12-1978	Ookubo, et al.	
	41.	4138220 2/1979	02-13-1978	Davies, et al.	
	42.	4154861 5/1979	05-19-1976	Smith	
	43.	4178494 12/1979	11-10-1977	Bottalico, et al.	
	44.	4233495 11/1980	12-15-1978	Scoville, et al.	
	45.	4289792 9/1981	03-16-1979	Smith	
	46.	4311895 1/1982	08-31-1979	Tanabe	
	47.	4316069 2/1982	12-03-1979	Fitzmayer	
	48.	4336434 6/1982	08-15-1980	Miller	
	49.	4337384 6/1982	07-30-1980	Tanaka, et al.	
	50.	4354083 10/1982	11-05-1980	Staats	
	51.	4377109 3/1983	05-22-1981	Brown, et al.	
	52.	4384191 5/1983	11-17-1981	Guibert	
	53.	4396817 8/1983	03-31-1980	Eck, et al.	
B/B	54.	4405850 9/1983	04-15-1981	Edgar	

Examiner  
Signature

Bharat B. 807

Date  
Considered

06/29/2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 5

**Complete If Known**

Application Number	09/846,116
Filing Date	04/30/2001
First Named Inventor	Jeffrey Bogatin
Art Unit	2457-2155
Examiner Name	Najjar, Saleh Barot
Attorney Docket Number	54330-308316

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
B/B	55.	4409453	10/1983	07-22-1981	Smith	
	56.	4419374	12/1983	09-02-1982	Pei	
	57.	4437451	3/1984	08-17-1981	Wysong	
	58.	4439459	3/1984	03-08-1982	Swartley	
	59.	4460332	7/1984	09-27-1982	Lawler, et al.	
	60.	4471000	9/1984	08-13-1982	Brown, et al.	
	61.	4492569	1/1985	02-28-1983	Vesterguard	
	62.	4494525	1/1985	04-02-1980	Alberton	
	63.	4533809	8/1985	03-12-1984	Eke	
	64.	4568810	2/1986	01-17-1984	Camean	
	65.	4587393	5/1986	12-28-1984	Ueda	
	66.	4647746	3/1987	07-06-1985	Eke	
	67.	4648378	3/1987	01-07-1986	Nishikawa	
	68.	4687895	8/1987	07-30-1984	Chitre, et al.	
	69.	4778970	10/1988	01-14-1988	Kaila	
	70.	4794219	12/1988	07-05-1988	Eke	
	71.	4835351	5/1989	06-23-1988	Smith, et al.	
	72.	4839494	6/1989	06-03-1988	Vulpe	
	73.	4839502	6/1989	03-21-1988	Swanson, et al.	
	74.	4841125	6/1989	06-23-1988	Edamura	
	75.	4951645	8/1990	12-13-1988	Luebke, et al.	
	76.	4952763	8/1990	12-19-1989	Fritz (deceased)	
	77.	4960100	10/1990	03-13-1989	Pellicane	
	78.	4999471	3/1991	06-05-1989	Guameri, et al.	
	79.	5025775	6/1991	06-04-1990	Crisp	
	80.	5089679	2/1992	08-22-1989	Eke	
	81.	5128158	7/1992	03-22-1991	Chartrain	
B/B	82.	5134263	7/1992	09-29-1988	Smith, et al.	

Examiner  
Signature

Bharat Barot

Date  
Considered

06/29/2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 5

**Complete if Known**

Application Number	09/846,116
Filing Date	04/30/2001
First Named Inventor	Jeffrey Bogatin
Art Unit	2457-2155
Examiner Name	Najjar, Saleh - Barot
Attorney Docket Number	54330-308316

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
B/B	83.	5147994	9/1992	01-10-1990	Smith, et al.	
	84.	5166487	11/1992	12-15-1989	Hurley, et al.	
	85.	5182426	1/1993	12-17-1991	Sklenaik, et al.	
	86.	5221817	6/1993	02-04-1992	Ota	
	87.	5254823	10/1993	09-17-1991	McKee, et al.	
	88.	5329086	7/1994	02-20-1992	DeMattels, et al.	
	89.	5352874	10/1994	12-21-1992	Gong	
	90.	5434390	7/1995	09-29-1993	MdKee, et al.	
	91.	5449888	9/1995	05-09-1994	Smith, et al.	
	92.	5451751	9/1995	01-23-1993	Takimoto, et al.	
	93.	5525782	6/1996	11-08-1994	Yoneno, et al.	
	94.	5558793	9/1996	04-19-1995	McKee, et al.	
	95.	5567339	10/1996	05-21-1993	Joo, et al.	
	96.	5676044	10/1997	01-03-1996	Lara, Jr.	
	97.	5742033	4/1998	11-08-1996	Park	
	98.	5927265		05-27-1997	07-27-1999	McKee et al.
	99.	5990466	11/1999	04-02-1998	McKee, et al.	
	100.	6008483	12/1999	10-09-1998	McKee, et al.	
	101.	6060701	5/2000	11-25-1998	McKee, et al.	
	102.	6121593	9/2000	09-19-1998	Mansbery, et al.	
	103.	6140626	10/2000	04-23-1998	McKee, et al.	
	104.	6242504	6/2001	09-21-1998	Meyer-Roscher, et al.	
	105.	6546419	4/2003	05-07-1999	Humpleman, et al.	
	106.	6549818	4/2003	02-28-2000	Ali	
	107.	6550681	4/2003	02-03-2000	Ross, et al.	
	108.	6559882	5/2003	09-02-1999	Kerchner	
	109.	6615088	9/2003	06-09-1999	Myer, et al.	
B/B	110.	6744771	6/2004	06-09-1999	Barber, et al.	

Examiner  
Signature

Bharat Barot

Date  
Considered

06/29/2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 601.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.